

Form PTO-1449 Equivalent	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 520.37710CC2	SERIAL NO. 10/827,338
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT HIRATA et al	
		FILING DATE April 20, 2004	GROUP 2851

U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						

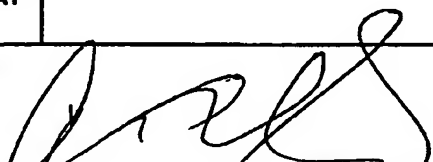
U.S. PATENT APPLICATIONS

	Publication Number	Name	Publication Date
AI			
AJ			
AK			
AL			

FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
AM	3-168630	7/91	Japan			X	
AN	3-37437	4/91	Japan			X	
AO	2-213825	8/90	Japan			X	
AP	6-3747	1/94	Japan			X	
AQ	08-036224	2/96	Japan			X	

OTHER DOCUMENTS

AR	
AS	
AT	
Examiner	
Date Considered	May 9, 2005

